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85° 01-15-02

NITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Hillel Hendler

For: COMMUNICATION RECEIVER WITH

SIGNAL PROCESSING FOR BEAM

FORMING AND ANTENNA

DIVERSITY

Serial No. 09/809,562

Filed: March 14, 2001

Examiner: Not yet assigned

Group Art Unit: Not yet

assigned

FIGURE PARTIES PARTIES

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents Washington, D.C. 20231

Sir:

Applicant submits herewith patents, publications or other information (listed on the attached Form PTO/SB/08A) of which Applicant is aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56. The majority of these references were cited in communications from a foreign patent office in counterpart foreign applications more than three months prior to the filing of this Information Disclosure Statement, but prior to receipt of the first Office Action on the merits of the subject application.

In accordance with 37 CFR § 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in this statement is, or is considered to be, material to patentability as defined in 37 CFR § 1.56(b).

In accordance with 37 CFR § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR § 1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR § 1.98 and MPEP § 609 and the Examiner is respectfully requested to consider the listed references.

No fee is believed to be due, however, the Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR § 1.16 or §1.17 to Deposit Account No. 03-3821, referencing Attorney Docket No. 23600.01901. A duplicate sheet is attached.

Respectfully submitted,

Crosby, Heafey, Roach & May Professional Corporation

Dated: December 3, 2001

Name: John W. Carpenter Registration No. 39,129

Attorneys for Applicants

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CERTIFICATE OF MAILING - 37 C.F.R. § 1.08

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on December 3, 2001.

December 3, 2001 Date

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/809,562		
Filing Date	March 14, 2001		_ ~ =
First Named Inventor	Hillel Hendler		JAI
Group Art Unit	Not Assigned	nd	<u> </u>
Examiner Name	Not Assigned	O	Ø
Attorney Docket Number	23600.01901	200	
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U.S. PATENT DOCUMENTS							
Examin Cite er No.1 Initials		U.S. Patent Docu	ument	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where	
	No.¹	Number	Kind Code ² (if known)	Of Cited Document	Cited Document MM- DD-YYYY	Relevant Passages or Relevant Figures Appear	
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	B2	EP	0025 767 A1		Gregoire et al.	03/25/1981		4	
	В3	CA	2,187,141		Vallee et al.	04/04/1998			

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶				
	C1	Golestani, S. (1995) "Network Delay Analysis of a Class of Fair Queueing Algorithms", <i>IEEE Journal on Selected Areas in Communication</i> 13(6):1057-1070					
`	C2	Stiliadis, D. et al. (1998) "Rate-Proportional Servers: A Design Methodology for Fair Queueing Algorithms", IEEE/ACM Transactions of Networking 6(2):164-174					
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Examiner	Date	
Signature	 Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.



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Application Number	09/809,562	<u></u>	٤
Filing Date	March 14, 2001	8	N
First Named Inventor	Hillel Hendler	C	
Group Art Unit	Not Assigned		10
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Attorney Docket Number	23600.01901	ह	Zn

	U.S. PATENT DOCUMENTS							
Examin	Cite	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where		
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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	C5	Data-Over-Cable Service Interface Specifications, Cable Modem to Customer Premise Equipment Interface Specification. SP-CMC1-102-980317 (March 17, 1998) pp. i-40	
	C6	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface Specification, SP-RFI-I04-980724 (July 24, 1998) pp. i-196	
	C7	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSI-102-990113 (January 13, 1999) pp. i-14	
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^{&#}x27;Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached.

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First Named Inventor	Hillel Hendler	<u>ම</u>				
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Examiner Name	Not Assigned					
Attorney Docket Number	23600.01901	6				

			U.	S. PATENT DOCUMENT	S	· · · · · · · · · · · · · · · · · · ·
Examin	Cite	U.S. Patent Document		Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-	Pages, Columns, Lines, Where Relevant Passages or Relevant
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		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
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		Specification, SP-BPI-102-990731 (July 31, 1999) pp. i-160	

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Group Art Unit	Not Assigned	2	*				
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Attorney Docket Number	23600.01901	0	7				

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C11	Data-Over-Cable Service Interface Specifications, Radio Frequency Interface				
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C12	Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSIv1.1-D01-991115 (November 15, 1999) pp. i-81				
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	No.' C11	C11 Data-Over-Cable Service Interface Specifications, Operations Support System Interface Specification SP-OSSIv1.1-D01-991115 (November 15, 1999) pp. i- Interface Specification SP-OSSIv1.1-D01-99			

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